/14-15

ವಾರ್ಡ್ ನಂ 10. ದೊಡ್ಡಬೊಮ್ಮಸಂದ್ರ

01 ರಿಂದ 25/200 ರವರೆಗೆ

ecutive Engineer
nyanagara Division
ar.Ta Zone, B.B.M.P.
ngalore-560062

First & Final Bill

SBR No: 272/14-15
31/01/2015

BRNO: 450/31-1-15

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251101

Serial No. .....

Name of Work Improvements to roads, drains and covering Slab at Nanjappa Layout 17th Cross road in ward No-10, Doddabommasandra. From ..... To .....

Name of Contractor or nature of Agency ..... K.R.I.D.L

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work Code No:- 010-15-000013.						
	Agreement No:- 129/2014-15, Dt-17/11/2014.						
	Work order No:- EE/BTP/KRIDL/W.O/129/2014-15, Date 17/11/2014.						
	Address of Agency:- #119, 11th Cross Road, 3rd floor Poorva Park Road, Mallesh waram. Bangalore-560003.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation by manual means in Hard Soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated Surface leveled and Sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications						
	a) Chamundeshwari Layout 5th main Road RHS	1	27.80	1.20	0.90	= 30.02 Cum	
	b) Chamundeshwari Layout 5th Main Road LHS	1	27.50	1.20	0.90	= 29.70 Cum	
	c) Cross Road LHS	1	35.10	1.20	0.90	= 37.91 Cum	
	d) Cross Road RHS	1	30.00	1.20	0.90	= 32.40 Cum	
		1	35.00	1.20	0.90	= 37.91 Cum	
		1	35.20	1.20	0.90	= 38.02 Cum	
					Total	= 200.45 Cum	
		Qty limited to			Tender	= 199.80 Cum	

M.

Serial No. .....

Name of Work ..... F

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
		@
2)	providing and laying in po cement @ 180kgs using gom aggregates @ 0.85 Cum and laid in layers not exceedin	
a)		1
b)		1
c)		1

	Contents	Reference to last Measurement
	7	8
	Soil involving an average lift upto 0.5m, excavated disposed earth to be complete as per specifications	
	= 30.02 Cum	
	= 29.70 Cum	
	= 37.91 Cum	
	= 32.40 Cum	
	= 37.91 Cum	
	= 38.02 Cum	
	= 200.45 Cum	
	199.80 Cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

251102

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	@ Rs	105.84				Rs 21147.00	
2)	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs using 40mm and down size graded granite metal, coarse aggregates @ 0.85 Cum and fine aggregates @ 0.56 Cum machine mixed, concrete laid in layers not exceeding 15cms thick						
a)		1	27.80	1.00	0.15 =	4.17 Cum	
b)		1	27.50	1.00	0.15 =	4.13 Cum	
c)		1	30.00	1.00	0.15 =	4.50 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	d)	1	35.10	1.00	0.15 =	5.27 cum	
		1	30.00	1.00	0.15 =	4.50 cum	
		1	35.20	1.00	0.15 =	5.28 cum	
					Total =	27.84 cum	
					qty limited to Tender =	27.75 cum	
					@ Rs 4847.04	Rs 134505.00	
	cfe Vishwaroop 7/11						
	3) Providing and removing centering, shuttering, propping etc, and removal of form work for vertical surface such as walls at any heights, including attached Pilasters, buttresses, plinth and string courses cost of all material labour etc complete as per specification						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
a)	
b)	
c)	
d)	
	cfe Vishwaroop

Assistant Executive Engine
Vidyaranyapura Sub Divisi
BBMP, Bangalore - 97

Contents 7	Reference to last Measurement 8
5.27 cum 4.50 cum 5.28 cum 27.84 cum 27.75 cum Rs 134505.00	

topping etc and removal
at any floor levels, including
lifts cost of all material

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To..... 251103
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
a)		4	27.80		0.60 =	66.72 Sqm	
b)		4	27.80		0.60 =	66.00 Sqm	
c)		4	30.00		0.60 =	72.00 Sqm	
d)		4	35.10		0.60 =	84.24 Sqm	
		4	30.00		0.60 =	72.00 Sqm	
		4	35.20		0.60 =	84.48 Sqm	
					Total =	445.44 Sqm	
					Qty limited to Tender =	444.00 Sqm	
	cfte Received Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore - 97				@ Rs 292.68	Rs 129950.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4)	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kg/ with 20mm and down size graded granite metal coarse aggregates @ 0.78 cum and fine aggregates @ 0.45 cum with superplasticizer @ 3 lts confirming to IS 9103-1999 machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof level slabs, staircase, lintels retaining walls, return walls, attached pilasters, columns, piers, abutments						
	Bottom concrete						
a)		1	27.80	1.00	0.15 =	4.17 cum	
b)		1	27.50	1.00	0.15 =	4.13 cum	
c)		1	30.00	1.00	0.15 =	4.50 cum	
		1	35.10	1.00	0.15 =	5.27 cum	

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Serial No. .....

Name of Work ..... F

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
d)		1
	Side walls	1
a)		2
b)		2
c)		2
		2
d)		2
		2

cfc

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ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ.

Contents 7	Reference to last Measurement 8
ment concrete of design and down size graded fine aggregates @ 0.45m + 1999 machine mixed, concrete ated for all works in level slabs, staircase, lintels olumns, piers, abutments	
= 4.17 cum	
= 4.13 cum	
= 4.50 cum	
= 5.27 cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To..... 251104
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
d)	Side walls	1	30.00	1.00	0.15 =	4.50 Cum	
		1	35.20	1.00	0.15 =	5.28 Cum	
a)		2	27.80	0.15	0.65 =	5.42 Cum	
b)		2	27.50	0.12	0.60 =	3.96 Cum	
c)		2	30.00	0.15	0.65 =	5.85 Cum	C & FC.
d)		2	35.10	0.15	0.60 =	6.32 Cum	
		2	30.00	0.15	0.60 =	5.40 Cum	
	cfc	2	35.20	0.15	0.60 =	6.34 Cum	
					Total =	61.13 Cum	26/1/2015

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Qty limited to tender =				61.05 Cum	
		@ Rs 6065.28				Rs 370285.00	
5)	Providing mild steel reinforcement for R.C.C work including Straightening Cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost						
	Qty vide page No 251 190 of this M.B No-252.					= 48.84 Qtl	
		@ Rs 7975.80				Rs 389538.00	

Assistant Executive Engineer

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
6)	Providing granite Slabs o
	Cement mortar (1:6) in
a)	
b)	
c)	
d)	

Vidyaranyapura Sub Divisio

Contents 7	Reference to last Measurement 8
61.05 Cum	
	Rs 370285.00
ork including straightening lapping and/or welding anchoring to the adjoining Clips, hooks and wedges	
48.84 Qtl	
	Rs 389538.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. ..... From..... To..... 251105

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
6)	Providing granite slabs of Selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc complete as per specifications						
a)		1	27.80		0.90 =	25.02 Sqm	
b)		1	27.50		0.90 =	24.75 Sqm	
c)		1	30.00		0.90 =	27.00 Sqm	
d)		1	35.10		0.90 =	31.59 Sqm	
		1	30.00		0.90 =	27.00 Sqm	
		1	35.20		0.90 =	31.68 Sqm	
					Total =	167.04 Sqm	

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26/11

Assistant Executive Engineer
Vidyaranyapura Sub Division

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Qty limited to Tender 166.50 Sqm					
		@ Rs 642.60				Rs 106993.00	
7)	Providing chamfering edges to Stone Slab 2.5cms wide as per Specification etc (only chamfered length shall be recorded) etc complete as per Specification						
		310	3.00			= 930.00 mtrs	
		Qty limited to Tender = 924.00 mtrs					
		@ Rs 32.40				Rs 29938.00	

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Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
8)	Providing two line dress etc complete as per Spec	
	Qty Li	
	@ Rs	
9)	Lead for Disposal of Debris means including Loading	

Contents 7	Reference to last Measurement 8
= 166.50 Sqm	
	Rs 106993.00
wide as per Specification	
= 930.00 mtrs	
924.00 mtrs	
	Rs 29938.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251106

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	8) Providing two line dressing to granite Stone slab/ granite Stone masonary etc complete as per Specifications and directions of engineer.						
	Qty Vide Item no - 06					= 166.50 Sqm	
	@ Rs 851.04						Rs 141698.00
	9) Lead for Disposal of Debris Shall be payable at carriage rates by Mechanical means including loading and unloading etc complete as per Specifications						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty Vide Item no-1 @ RS 73.51				=	199.80 Cum	RS 14699.00
10)	Sub Total						RS 1338753.00
11)	KRIDL Charges @ 11%						RS 147262.83
12)	Add 1% for third Party inspection charges						RS 13387.53
						Total RS	1499403.36
	(Rupees Fifteen Lakhs Ninty Nine thousand four hundred and Thirty Six Paise)						

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Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore 97

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AE 3L/1/2015

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20634

Name of Work ..... 12,79,668=00 Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	Certificate I Certified t	
	and no m	

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Vidyaranya
BBMP,

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dth	Depth 6	Contents 7	Reference to last Measurement 8
		= 199.80 Cum	
			RS 14699.00
			RS 1338753.00
			RS 147262.83
			RS 12387.53
		Total RS	1499403.36

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AE 31/1/2015

M. A. R. 57 (Rule 116)
Measurement Book
No. B

251107

S .....
Name of Work ..... From .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth	Depth 6	Contents 7	Reference to last Measurement 8
	Certificate: Certified that the above work done satisfactory and no materials issued from departmentally.						Zadhav AE 31/1/2015.

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97